

Node Location Table (AR₁)

Node Name | Current IP Address |

MN₁₀ | AR₁ |

MN₁₁ | AR₁ |

... |

MN₁ᵢk | AR₁

Figure 2

HEADER		-	
Source IP Address	DATA		
Dest. IP Address	DATA	•••	
Protocol			

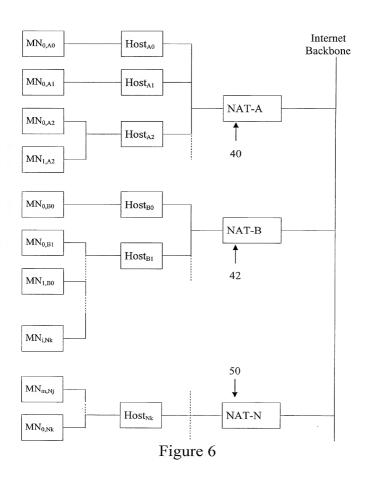
Figure 3 (Prior Art)

TYPE (20 or 21) CODE		CHECKSUM		
IDENTIFIER	SE SE	QUENCE NUMBER		
OPTIONAL DATA				
0		35		

Figure 4

SOURCE HOST-NAM	Е	DESTINATION HOST-NAME
UDP MESSAGE		CHECKSUM
0		35

Figure 5



CN binding to MN			
Global Address of CN's NAT	Local Address of CN in NAT		
Global Address of MN's NAT	Local Address of MN in NAT		

48 bits

Figure 7 (Prior Art)

Mobile-Home Database (NAT-B)			
Mobile Node (HA or VA)	Flag	Local Address (COA)	NAT Address
MN <sub>0,B0</sub> @ Host <sub>B0</sub>	0	MN <sub>0,B0</sub> @ Host <sub>B0</sub>	null
MN <sub>1,B0</sub> @ Host <sub>B0</sub>	0	MN <sub>1,B0</sub> @ Host <sub>B1</sub>	null
MN <sub>0,B1</sub> @ Host <sub>B1</sub>	0	MN <sub>0,B1</sub> @ Host <sub>B1</sub>	null
•••	•••	•••	
MN <sub>i,Nk</sub> @ Host <sub>B1</sub>	0	MN <sub>i,Nk</sub> @Host <sub>B1</sub>	null
MN <sub>h,Pq</sub> @ Host <sub>B1</sub>	0	null	null
•••	•••	•••	

Figure 8

Mobile-H	Mobile-Home Database (NAT-N)			
Mobile Node (HA or VA)	Flag	Local Address (COA)	NAT Address	
		•••		
MN <sub>m,Nj</sub> @ Host <sub>Nj</sub>	0	MN <sub>m,Nj</sub> @ Host <sub>Nk</sub>	null	
		•••		
MN <sub>0,Nk</sub> @ Host <sub>Nk</sub>	0	MN <sub>0,Nk</sub> @ Host <sub>Nk</sub>	null	
•••				
MN <sub>i,Nk</sub> @ Host <sub>Nk</sub>	1	MN <sub>i,Nk</sub> @Host <sub>B1</sub>	NAT-B	
		•••	•••	

Figure 9